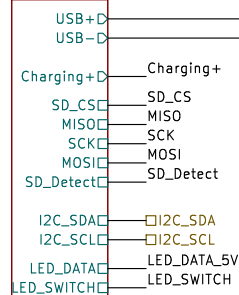
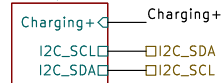


Connectors



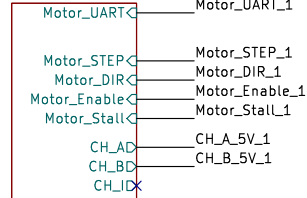
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Battery+PSU



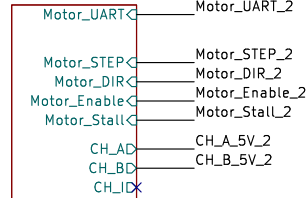
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Motor_1



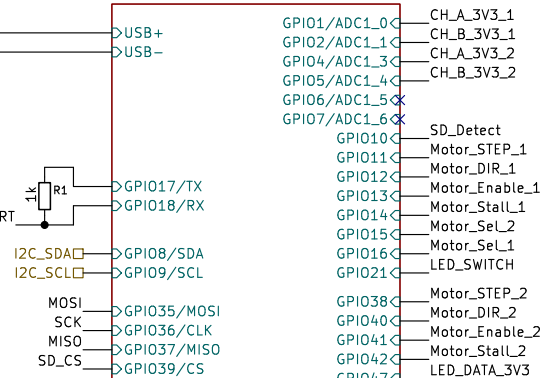
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Motor_2



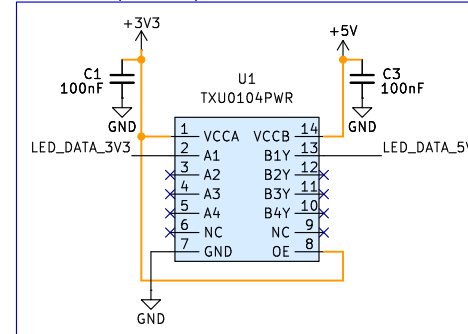
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MCU

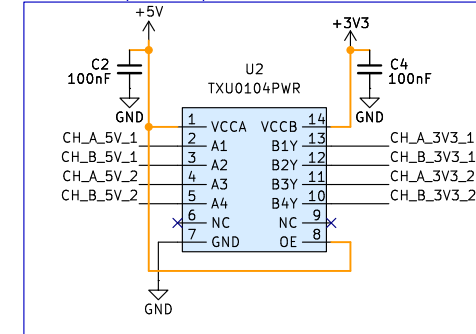


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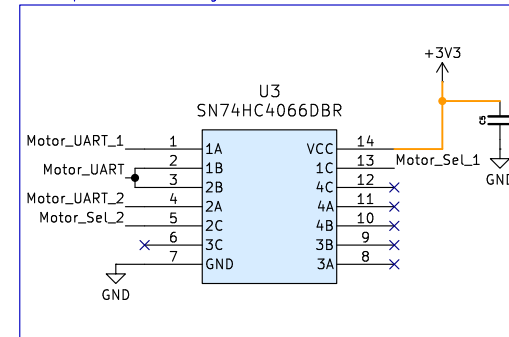
Level Shifter (3V3 to 5V)



Level Shifter (5V to 3V3)



Quadruple Bilateral Analog Switch



Smart Key Cutter

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Purak Patel



Sheet: Root

File: Smart Key Cutter Interface.kicad_sch

Size: A4

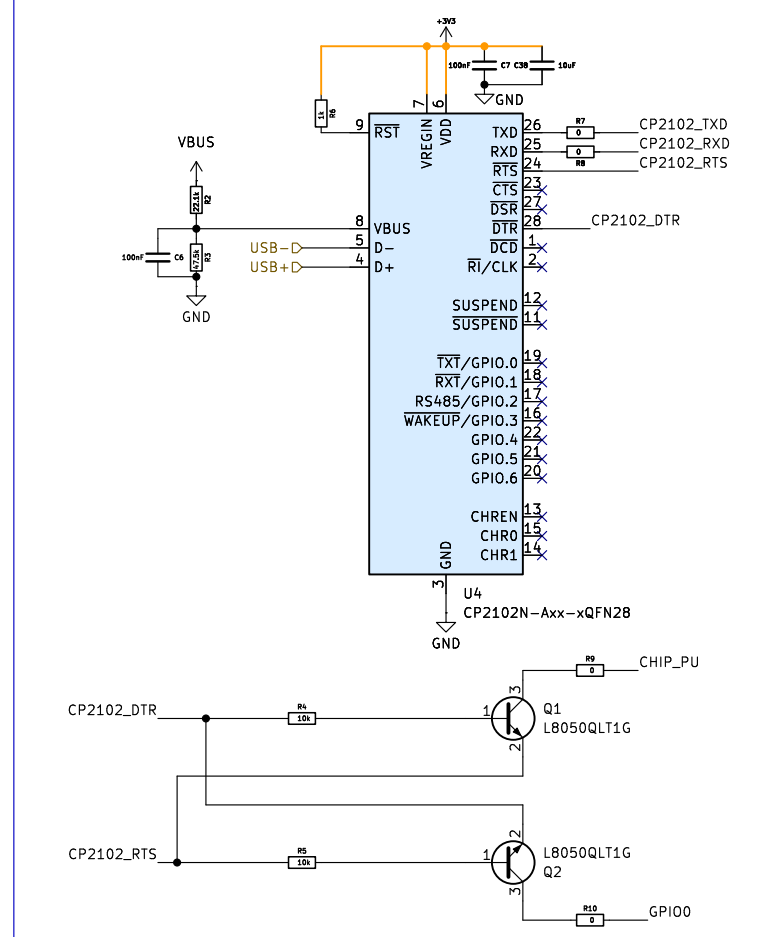
Date: 2025-05-21

Rev: 1

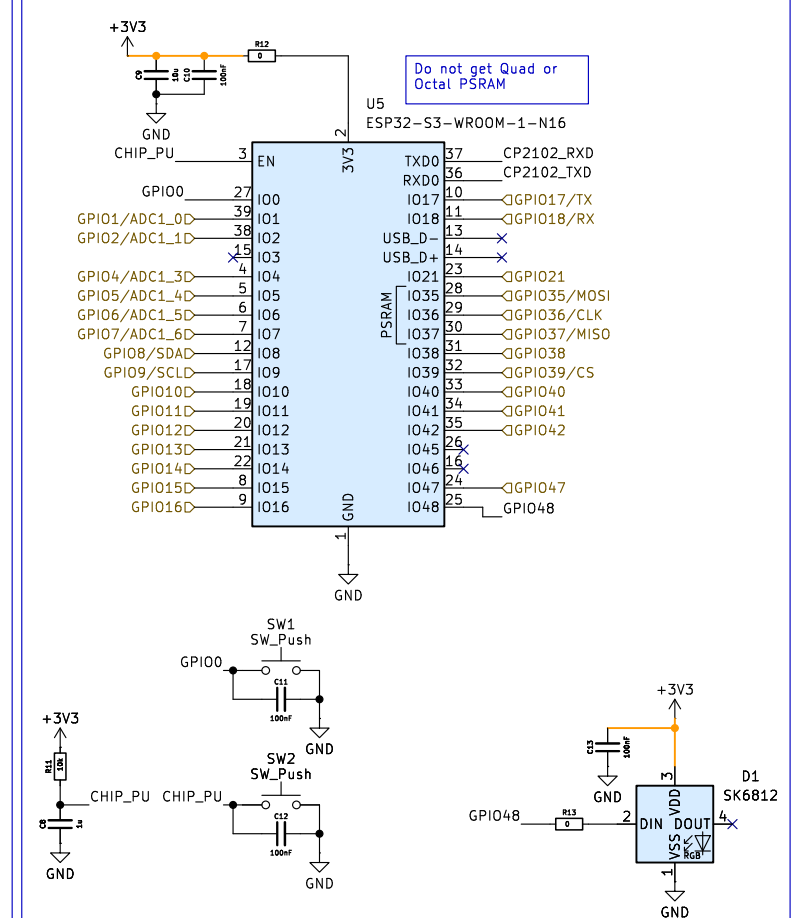
KiCad E.D.A. 9.0.2

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USB_UART Bridge



ESP32



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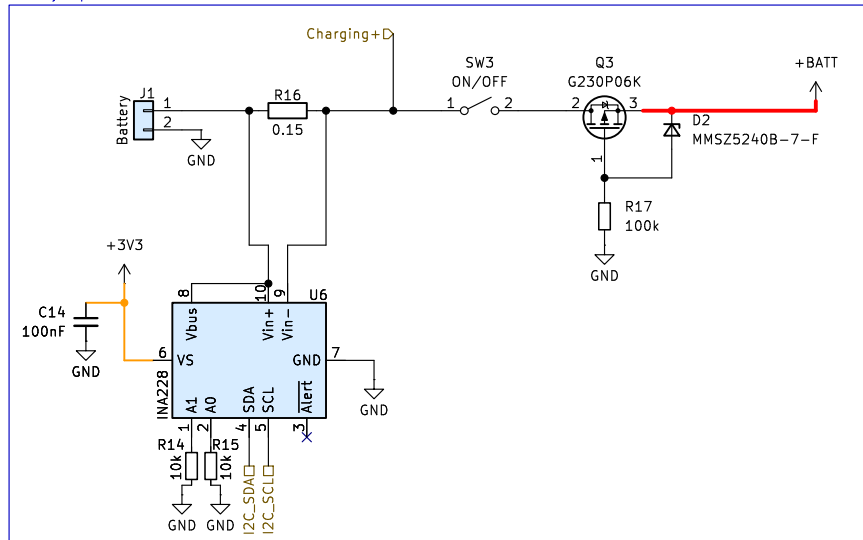
Purak Patel


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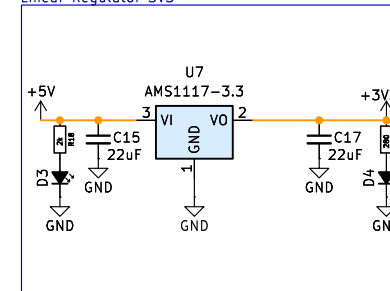
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 Rev: 1
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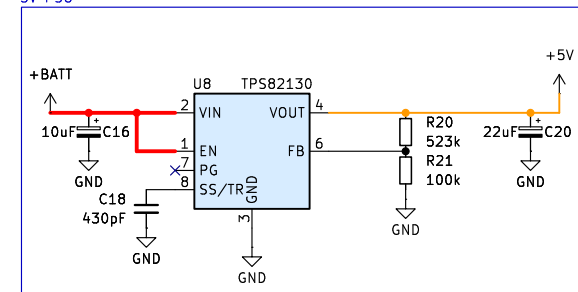
Battery Input

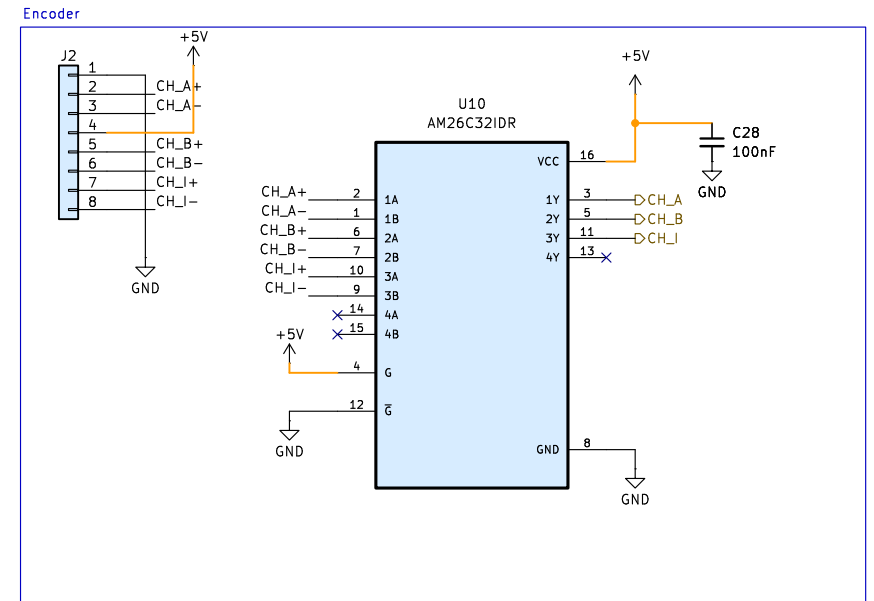
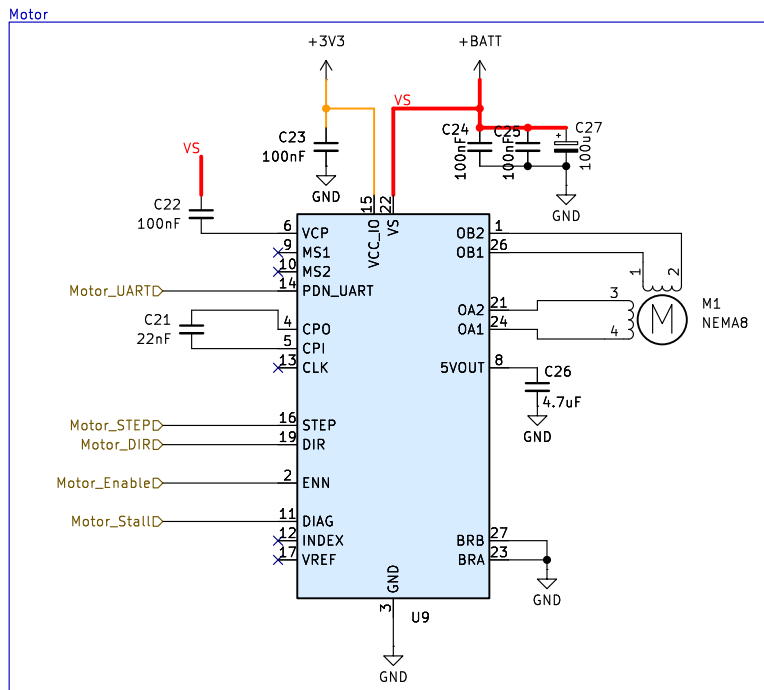


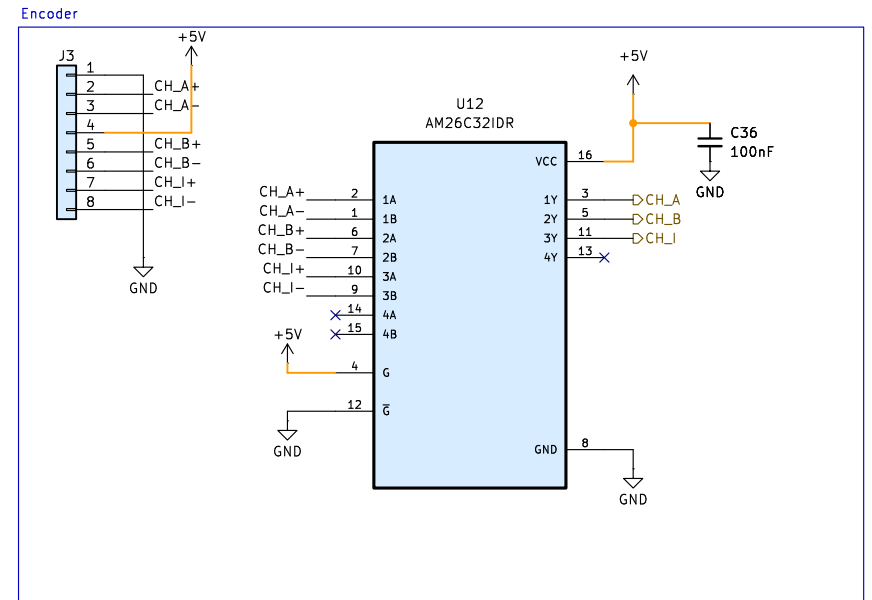
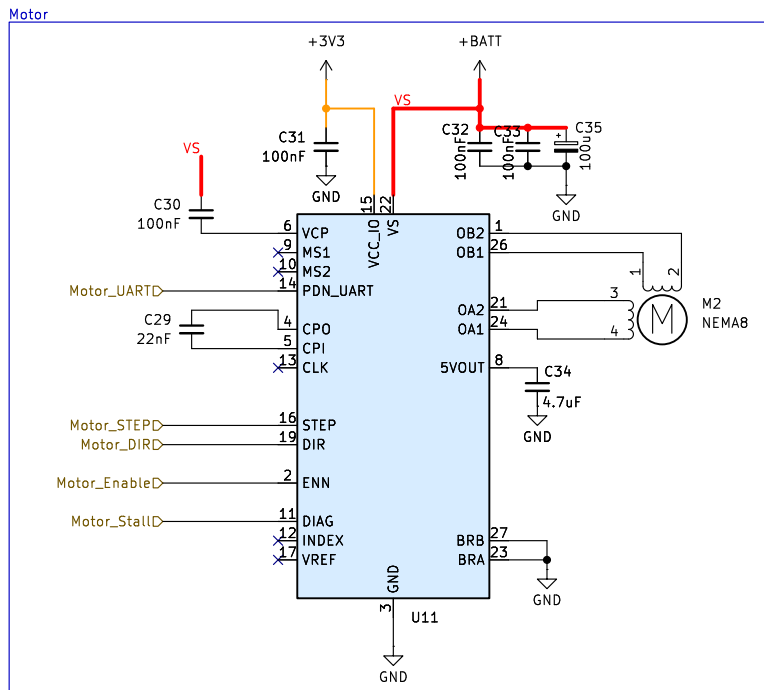
Linear Regulator 3V3



5V PSU







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Sheet: Motor_2
File: Motor.kicad_sch

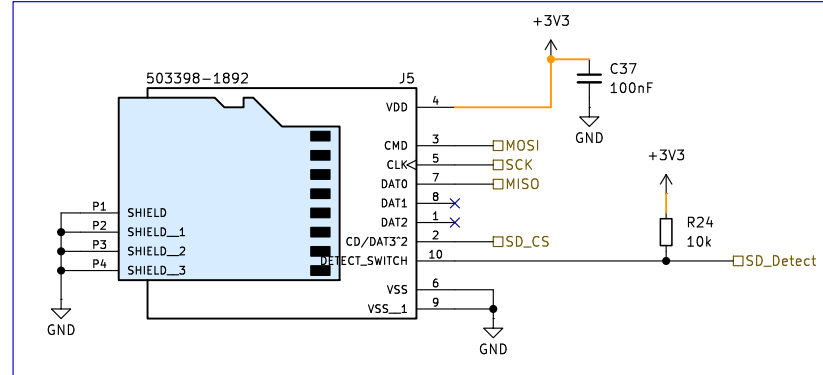
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KiCad E.D.A. 9.0.2

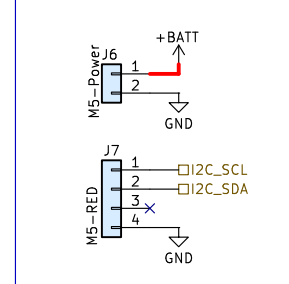
Rev: 1

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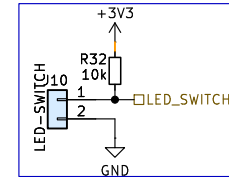
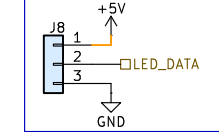
SD Card



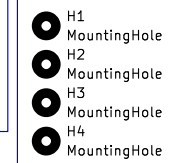
M5 Stack Dial



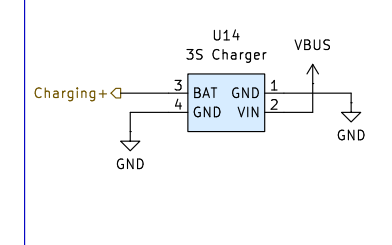
LED



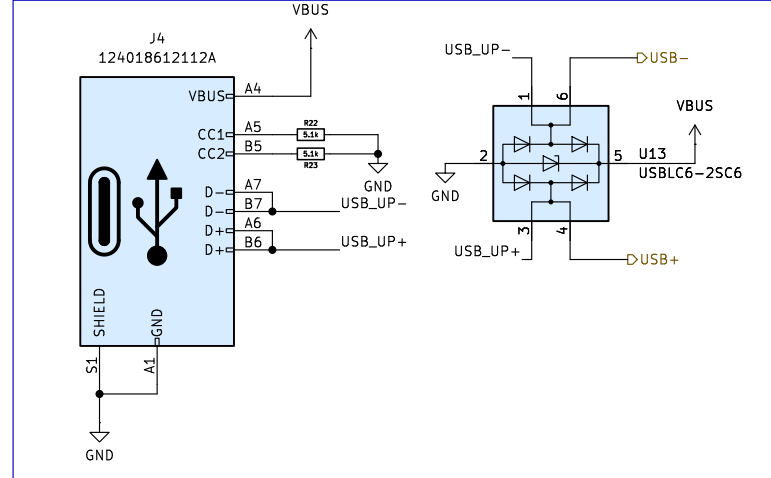
Mounting Hole



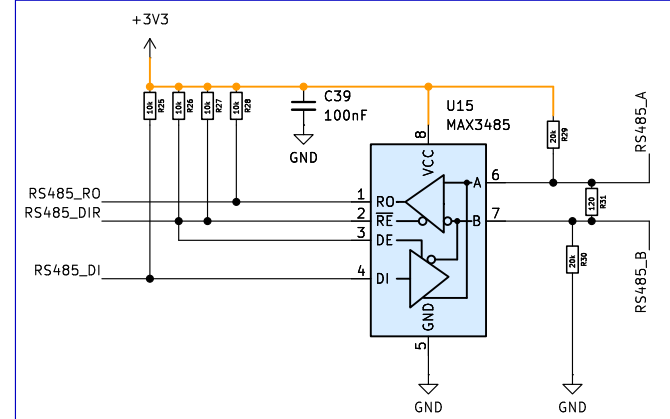
Charging



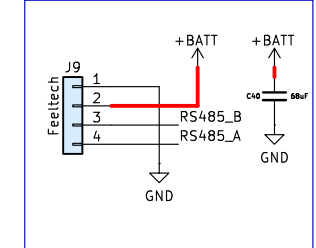
USB-C



RS485 Transceiver



Feeltech Motor



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Sheet: Connectors
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KiCad E.D.A. 9.0.2Rev: 1
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